DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3			
As a below named inv	entor, I hereby declare that:		
My residence, post off	ice address and citizenship are as state	ed below next to my name;	
I believe I am the originventor (if plural nam the invention entitled:	ginal, first and sole inventor (if only les are listed below) of the subject ma	one name is listed below) or an original, fitter which is claimed and for which a patent	rst and joint is sought on
DECREASED RESP	ONSE TIME FOR PPRC WRITE (OPERATION	
the specification of wh	ich (check one)		
XX is attached heretowas filed on as Application	1 Serial Number		
and was amen	ded on	(if applicable).	
I hereby state that I hat claims, as amended by	we reviewed and understand the cont any amendment referred to above.	ents of the above identified specification, in	icluding the
I acknowledge the dut Federal Regulations, Se	y to disclose information which is nection 1.56.	naterial to patentability as defined in Title 3	37, Code of
tor baretti or invelliol 2	certificate listed below and have als	d States Code, Section 119 of any foreign ap o identified below any foreign application for plication on which priority is claimed:	plication(s) or patent or
Prior Foreign Applicati	on(s)		
Number	Country	<u>Date</u>	
States application in the acknowledge the duty Federal Regulations, Se	te subject matter of each of the claim te manner provided by the first para to disclose information which is ma	e, Section 120 of any United States applicati s of this application is not disclosed in the p graph of Title 35, United States Code, Sec terial to patentability as defined in Title 3 the filing date of the prior application and the	rior United
Number	<u>Date</u>	<u>Status</u>	
I hereby declare that al	statements made heroin of my our	a Importador esta de la transferior	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 2 of 3

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
Dale M. Crockatt	#35,109	John C. Kennel	#48,562
Abdy Raissinia	#38,686	John E. Hoel	#26,279
Edward A. Pennington	#32,588	Allen K. Bates	#50,276
William D. Gill	#44,124	Bryan W. Butler	#44,043
Christopher A. Hughes	#26,914	Barry J. Swanson	#33,215
Thomas D. Bratschun	#32,966	Margaret M. Wall	#33,462
Rosemary Kellogg	#39,726	Darla G. Yoerg	#48,053
Steven N. Hird	#51,112	James L. Brown	#48,576

SEND CORRESPONDENCE TO:

Dan Shifrin Swanson & Bratschun, LLC 1745 Shea Center Drive, Suite 330 Highlands Ranch, Colorado 80129 CUSTOMER NUMBER 35825

DIRECT TELEPHONE CALLS TO:

Dan Shifrin 303.268.0066 303.268.0065 (FAX) CUSTOMER NUMBER 35825

Full Name of Sole or	r FIRST and/or joint-inventor:	James C. Chen
	Tomas -	
Inventor's Signature:		Date:
Residence:	Tucson, Arizona	
Citizenship: Post Office Address:	United States 5800 North Kolb Road, #E11161, T	
	BULLA IN RESIDENT A	9
Full Name of Sole or	SECOND and/or joint-inventor:	D TUCSON AZ 85743 J.C. Minh-Ngoc L. Huynh
	SECOND and/or joint-inventor:	Minh-Ngoc L. Huynh
Inventor's Signature:	SECOND and/or joint-inventor:	
Full Name of Sole or Inventor's Signature: Residence: Citizenship:	SECOND and/or joint-inventor:	Minh-Ngoc L. Huynh

IRM DOCKET.	TUC9200301441191
TOM DOURD :	TELL SZIIII SIII AATIST

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3			
Full Name of Sole or	THIRD and/or joint-inventor:	Matthew J. Kalos	
Inventor's Signature:	Mother Lake	Date: 1//19/2003	
Residence:	Tucson, Arizon		
Citizenship:	United States		
Post Office Address:	5435 East Heatherwood Way, Tucso	n, Arizona 85718	
Full Name of Sole or	FOURTH and/or joint-inventor:	Chung M. Fung	
Inventor's Signature:		Date:	
Residence:	San Francisco, California		
Citizenship:	United States		
Post Office Address:	371 Mount Vernon Avenue, San Fran	ncisco, California 94112	

Page 1 of 3

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named invent	or, I hereby declare that:		
My residence, post office	address and citizenship are as stat	ed below next to my name;	
I believe I am the origina inventor (if plural names a the invention entitled:	l, first and sole inventor (if only are listed below) of the subject me	one name is listed below) or an original, fir atter which is claimed and for which a patent	rst and joint is sought on
DECREASED RESPON	SE TIME FOR PPRC WRITE	OPERATION	
the specification of which	(check one)		
XX is attached hereto. was filed on as Application Se and was amended	rial Number	(if applicable).	
I hereby state that I have claims, as amended by any	reviewed and understand the con amendment referred to above.	tents of the above identified specification, in	cluding the
I acknowledge the duty to Federal Regulations, Section	o disclose information which is ron 1.56.	naterial to patentability as defined in Title 3	7. Code of
for patent or inventor's ce	rtificate listed below and have als	ed States Code, Section 119 of any foreign ap so identified below any foreign application for application on which priority is claimed:	plication(s) or patent or
Prior Foreign Application(s)		
Number	Country	<u>Date</u>	
below and, insofar as the s States application in the nacknowledge the duty to	ubject matter of each of the claim nanner provided by the first para disclose information which is many on 1.56, which occurred between the control of the control between the control of	le, Section 120 of any United States applications of this application is not disclosed in the pagraph of Title 35, United States Code, Sectional to patentability as defined in Title 3 the filing date of the prior application and the	rior United tion 112, I
Number	<u>Date</u>	Status	
I herebu declare shar all co	totomonto mode handa al		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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		IBM DOCKI	ST: TUC920030144US
DECLARATION A	ND POWER OF ATTOR	NEY FOR PATENT APPI	LICATION
Page 2 of 3			
POWER OF ATTORNI prosecute this application	EY: As a named inventor, I hereb and transact all business in the P	y appoint the following attorney(sator and Trademark Office conne	s) and/or agent(s) to exceed therewith.
Dan Shifrin	#34,473	John H. Holcombe	#20,620
Jean M. Barkley	#39,541	Paik Saber	#37,494
Randall J. Bluestone	#40,518	Robert M. Sullivan	#39,391
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Rosemary Kellogg Steven N. Hird	#39,726	Darla G. Yoerg	#48,053
Steven N. Alfa	#51,112	James L. Brown	#48,576
Dan Shifrin Swanson & Bratschun, LL 1745 Shea Center Drive, S Highlands Ranch, Colorad CUSTOMER NUMBER 3 DIRECT TELEPHONE Dan Shifrin 303.268.0066 303.268.0065 (FAX) CUSTOMER NUMBER 3	C Suite 330 do 80129 35825 CALLS TO:		
Full Name of Sole or FIR	ST and/or joint-inventor:	James C. Chen	
Inventor's Signature:		Date:	
Residence: Tu	eson, Arizona		
	ited States		
Post Office Address: 586	00 North Kolb Road, #E11161. T	ucson, Arizona 85750	
Full Name of Sole or SEC	COND and/or joint-inventor:	Minh-Ngoc L. Huynh	
Inventor's Signature:	the gold got	Date: 11/19/0	3
Posidence: Sac	Lose California		

Citizenship:

United States

Post Office Address: 6367 Pearlroth Drive, San Jose, California 95123

		IBM DOCKET: TUC920030144US1
DECLARATION	AND POWER OF ATTORN	EY FOR PATENT APPLICATION
Page 3 of 3		
Full Name of Sole or	THTRD and/or joint-inventor:	Matthew J. Kalos
Inventor's Signature:		Date:
Residence:		
Citizenship:	United States	
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Full Name of Sole or	FOURTH and/or joint-inventor:	Chung M. Fung
Inventor's Signature:		Date:
Residence:	San Francisco, California	
Citizenship:	United States	
Post Office Address:	371 Mount Vernon Avenue, San Fra	incisco, California 94112

the specification of which (check one)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 1 of 3

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DECREASED RESPONSE TIME FOR PPRC WRITE OPERATION

XX is attached hereto.	
was filed on	
as Application Serial Number	
and was amended on	(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Number Country Date

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I scknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56, which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Number Date **Status**

I haveby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 f the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Dan Shiftin 303.268.0066 303.268.0065 (FAX) **CUSTOMER NUMBER 35825**

Full Name of Sole or FIRST and/or joint-inventor: James C. Chen

Inventor's Signature:

Date:

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Citizenship:

United States

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Full Name of Sole or SECOND and/or joint-inventor: Minh-Ngoc L. Huynh

Inventor's Signature:

Date:

Residence: Citizenship:

San Jose, California United States

Post Office Address: 6367 Pearlroth Drive, San Jose, California95123

IBM DOCKET: TUC920030144US1

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Page 3 of 3

Full Name of Sole or THIRD and/or joint-inventor: Matthew J. Kalos

Inventor's Signature:

Date:

Residence:

Tucson, Arizona

Citizenship:

United States

Post Office Address: 5435 East Heatherwood Way, Tucson, Arizona85718

Full Name of Sole or FOURTH and/or joint-inventor:

Chung M. Fung

Date: 11/20/03

Inventor's Signature:

San Francisco, California

Residence: Citizenship;

United States

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371 Mount Vernon Avenue, San Francisco, California94112